

Appl. No. 10/707,494
Amdt. dated April 26, 2006
Reply to Office action of February 24, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1 (previously presented): A back light apparatus, comprising:
- 5 a frame creating a container;
 a light source module which is placed inside said container;
 a diffuser which is placed upon said light source module; and
 at least one spring placed inside said container, said spring having a first end fixed
 on a bottom of said container and a second end supporting said diffuser.
- 10
- 2 (previously presented): The back light apparatus according to claim 1, wherein said
 spring is formed out of transparent material.
- 3 (previously presented): The back light apparatus according to claim 1, wherein said
- 15 spring is formed out of highly reflective material.
- 4-5 (cancelled).
- 6 (previously presented): The back light apparatus according to claim 1, wherein said
- 20 spring is formed out of plastic.
- 7-11 (cancelled).
- 12 (previously presented): The back light apparatus according to claim 1, further
- 25 comprising a fixing base formed on the bottom of said container, said spring being
 placed inside said fixing base.

Appl. No. 10/707,494
Amdt. dated April 26, 2006
Reply to Office action of February 24, 2006

13 (previously presented): The back light apparatus according to claim 12, wherein said fixing base has an opening whose size is smaller than the diameter of said spring, a protruding device being formed on top of said spring, the bottom of said protruding device having a flange mounted inside said fixing base.

5

14 (previously presented): The back light apparatus according to claim 1, wherein said container further comprises a cavity formed in the bottom, said spring being placed inside said cavity.

10 15 (previously presented): The back light apparatus according to claim 14, wherein said cavity has an opening whose size is smaller than the diameter of said spring, a protruding device being formed on top of said spring, the bottom of said protruding device having a flange mounted inside said cavity.

15 16 (previously presented): The back light apparatus according to claim 1, wherein said second end of said spring is positioned below said diffuser a predetermined distance for supporting said diffuser when said diffuser deforms downwards.

20 17 (previously presented): The back light apparatus according to claim 16, wherein said second end of said spring does not contact other objects when said second end of said spring is positioned below said diffuser said predetermined distance.

18 (previously presented): The back light apparatus according to claim 1, wherein said second end of said spring directly contacts said diffuser for supporting said diffuser.

25

19 (currently amended): A back light apparatus, comprising:
a frame creating a container;
a light source module which is placed inside said container;

Appl. No. 10/707,494
Amdt. dated April 26, 2006
Reply to Office action of February 24, 2006

a diffuser which is placed upon said light source module;
at least one elastic device placed inside said container, said elastic device having a
first end fixed on a bottom of said container ~~and a second end supporting said~~
diffuser; and
5 a protruding device formed on top of a second end of said elastic device for flexibly
supporting said diffuser.

20 (previously presented): The back light apparatus according to claim 19, wherein said
protruding device is formed out of highly reflective material.

10

21 (previously presented): The back light apparatus according to claim 19, wherein said
protruding device is formed out of transparent material.

22 (previously presented): The back light apparatus according to claim 19, wherein said
15 protruding device is formed out of elastic material.

23 (previously presented): The back light apparatus according to claim 19, wherein said
protruding device has the shape of a cone.

20 24-27 (cancelled).

28 (new): A back light apparatus, comprising:
a frame creating a container;
a light source module which is placed inside said container;
25 a diffuser which is placed upon said light source module;
a fixing base formed on the bottom of said container;
at least one elastic device placed inside said fixing base, said elastic device having a
first end fixed on a bottom of said container inside said fixing base; and

Appl. No. 10/707,494
Amdt. dated April 26, 2006
Reply to Office action of February 24, 2006

a protruding device formed on top of a second end of said elastic device for supporting said diffuser.

29 (new): The back light apparatus according to claim 28, wherein said fixing base has an opening whose size is smaller than the diameter of said elastic device, the bottom of said protruding device having a flange mounted inside said fixing base.

30 (new): A back light apparatus, comprising:
a frame creating a container, said container comprising a cavity formed in the bottom of said container;
a light source module which is placed inside said container;
a diffuser which is placed upon said light source module;
at least one elastic device placed inside said cavity, said elastic device having a first end fixed on a bottom of said cavity; and
a protruding device formed on top of a second end of said elastic device for supporting said diffuser.

31 (new): The back light apparatus according to claim 30, wherein said cavity has an opening whose size is smaller than the diameter of said elastic device, the bottom of said protruding device having a flange mounted inside said cavity.